

03060106-070

(Hollow Creek)

General Description

Watershed 03060106-070 is located in Aiken County and consists primarily of **Hollow Creek** and its tributaries. The watershed occupies 71,288 acres of the Sand Hills and Upper Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Fuquay-Troup-Chewacla series. The erodibility of the soil (K) averages 0.17, and the slope of the terrain averages 4%, with a range of 0-25%. Land use/land cover in the watershed includes: 50.0% forested land, 9.7% barren land, 27.2% agricultural land, 9.0% forested wetland, 3.2% urban land, 0.7% water, and 0.2% nonforested wetland.

Hollow Creek originates in the City of Aiken and accepts drainage from Anderson Millpond, Dry Branch, Town Creek (Craig Pond, Gem Lake, Wilson Pond, Richardsons Lake, Herndon Pond, Johnsons Lake, McElmurray Pond, Lake Florence, Long Branch), Kathwood Lakes, and Bear Island Creek (Neal Creek, Musterfield Branch, Curry Branch). There are a total of 131.3 stream miles and 440.6 acres of lake waters within this watershed, all classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
SV-350	W/BIO	FW	HOLLOW CREEK AT S-02-5

Hollow Creek (SV-350) - Aquatic life uses are fully supported based on macroinvertebrate community. Although pH excursions occurred, they are typical of values seen in blackwater systems and are considered natural, not standards violations. Recreational uses are partially supported due to fecal coliform bacteria excursions.

Natural Swimming Areas

<i>FACILITY NAME</i> <i>RECEIVING STREAM</i>	<i>PERMIT #</i> <i>STATUS</i>
RICHARDSONS LAKE RICHARDSONS LAKE	02-N01 ACTIVE
GEM LAKE GEM LAKE	02-N11 ACTIVE

NPDES Program

Active NPDES Facilities

RECEIVING STREAM

FACILITY NAME

PERMITTED FLOW @ PIPE (MGD)

NPDES#

TYPE

COMMENT

BEAR ISLAND CREEK

PACTIV CORP./BEECH ISLAND FACILITY

PIPE #: 001, 003 FLOW: 0.0013

PIPE #: 002, 004 FLOW: 0.008

SCG250202

MINOR INDUSTRIAL

Nonpoint Source Management Program

Land Disposal Activities

Land Application Sites

LAND APPLICATION SYSTEM

FACILITY NAME

ND#

TYPE

LOW PRESSURE ADSORPTION FIELD

SILVER BLUFF HIGH

ND0014010

DOMESTIC

WOODED SPRAY AREAS

CWS GEM LAKES SD

ND0066893

DOMESTIC

Mining Activities

MINING COMPANY

MINE NAME

PERMIT #

MINERAL

DIXIE CLAY CO.

RANDALL MINE

0074-03

KAOLIN

KENTUCKY TENN CLAY COMPANY

RICHARDSON MINE

0033-03

KAOLIN

KENTUCKY TENN CLAY COMPANY

EUBANKS MINE

0874-03

KAOLIN

Growth Potential

There is a low to moderate potential for growth in this watershed, which contains portions of the Towns of New Ellenton and Jackson, and a portion of the City of Aiken. The City of Aiken is experiencing growth in a southwesterly direction toward the Savannah River Site. Growth is predominately residential; numerous subdivisions are being developed. Commercial centers are also being constructed in conjunction with the population growth and residential development. Aiken has the permit for expansion of Aiken County's Horse Creek Treatment Plant to handle potential growth.

S.C. Hwys 19 (towards New Ellenton and SRS) and 302 (towards Augusta and SRS) are the major commercial corridors serving the residential communities. Growth is expected to continue south and southwest instead of in previously established areas. Industrial growth is expected to occur along S.C. 19 to New Ellenton and west towards North Augusta, along the Horse Creek drainage.